



2017 Lacy Road Reconstruction
City of Fitchburg

Final Design Presentation
January 19, 2017
7:00 PM



Presentation Agenda

- ▶ Project Overview
- ▶ Project Goals
- ▶ Typical Section
- ▶ Intersections
- ▶ Storm Sewer
- ▶ Sanitary Sewer/Water Main
- ▶ Pavement Marking and Signing
- ▶ Street Lighting
- ▶ Construction Access
- ▶ Construction Schedule
- ▶ Questions

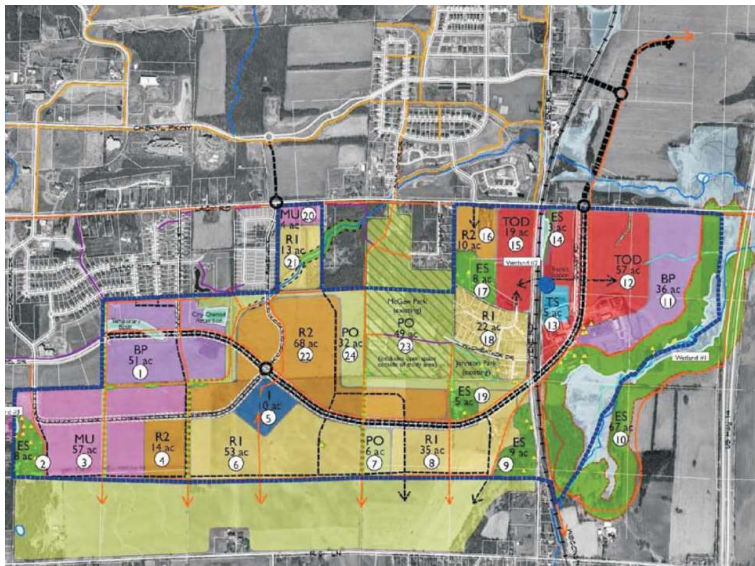
Project Overview

- Project Limits: Community Center east to S. Syene Road
- STP-urban project with 50% federal matching funds
- Maintain 2-lanes with added turn lanes at intersections where needed



Project Background

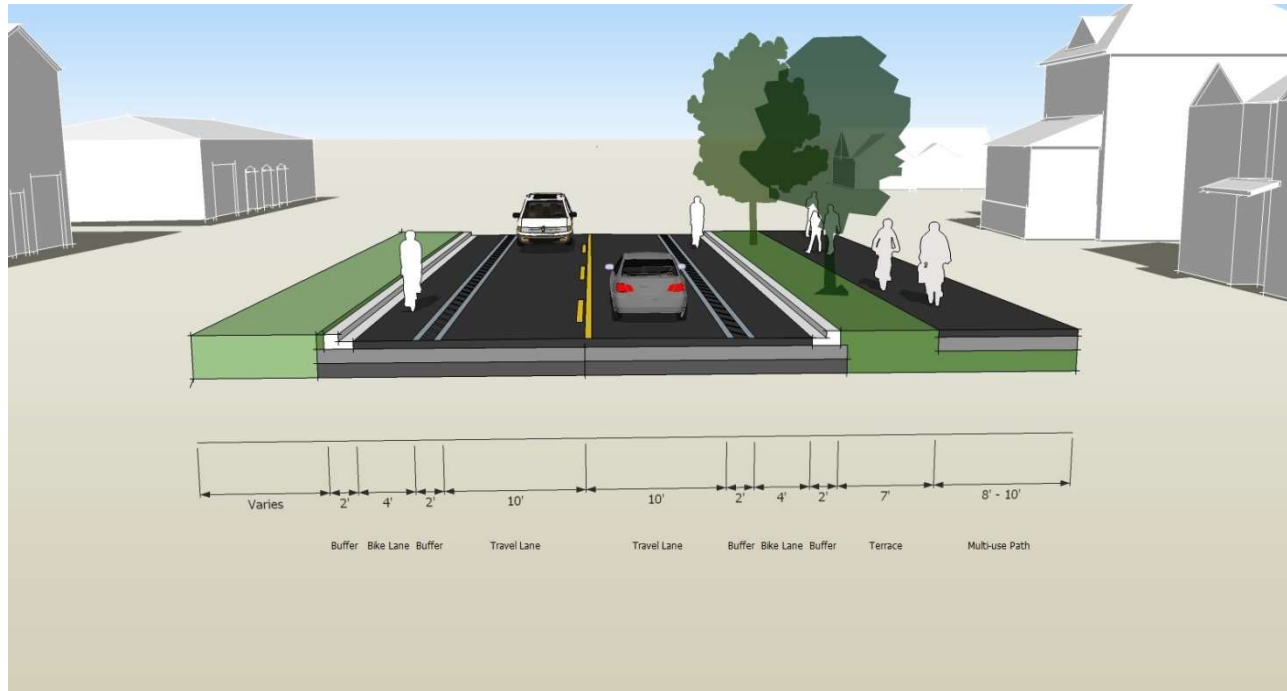
- Lacy Road reconstruction has been in CIP for 9 years
 - Pavement condition is deteriorating, PASER rating is 6
- Development occurring around Lacy Road
 - McGaw Park Neighborhood
 - Uptown (Green Tech Campus)
- Fitchburg planning documents call for bicycle and pedestrian improvements



Project Goals

- ▶ Replace deteriorating pavement
- ▶ Minimize right-of-way acquisition and impacts to neighboring properties
- ▶ Incorporate intersection improvements to address current and future development and growth near the corridor
- ▶ Provide pedestrian accommodations for the length of the project
- ▶ Enhance bicycle accommodations
- ▶ Incorporate road profile adjustments to enhance driveway access and improve sight distance at driveways and intersections
- ▶ Reconstruct to facilitate drainage;
 - ▶ Within the right-of-way
 - ▶ Utilize sustainable stormwater management techniques
- ▶ Improve compliance with the posted speed limit

Striking a Balance: Final Typical Section on Lacy Road



- ▶ 10' travel lanes
- ▶ 4' buffered bike lanes (2' buffer)
- ▶ 24-inch curb and gutter
- ▶ 8'-10' shared use path on the south side

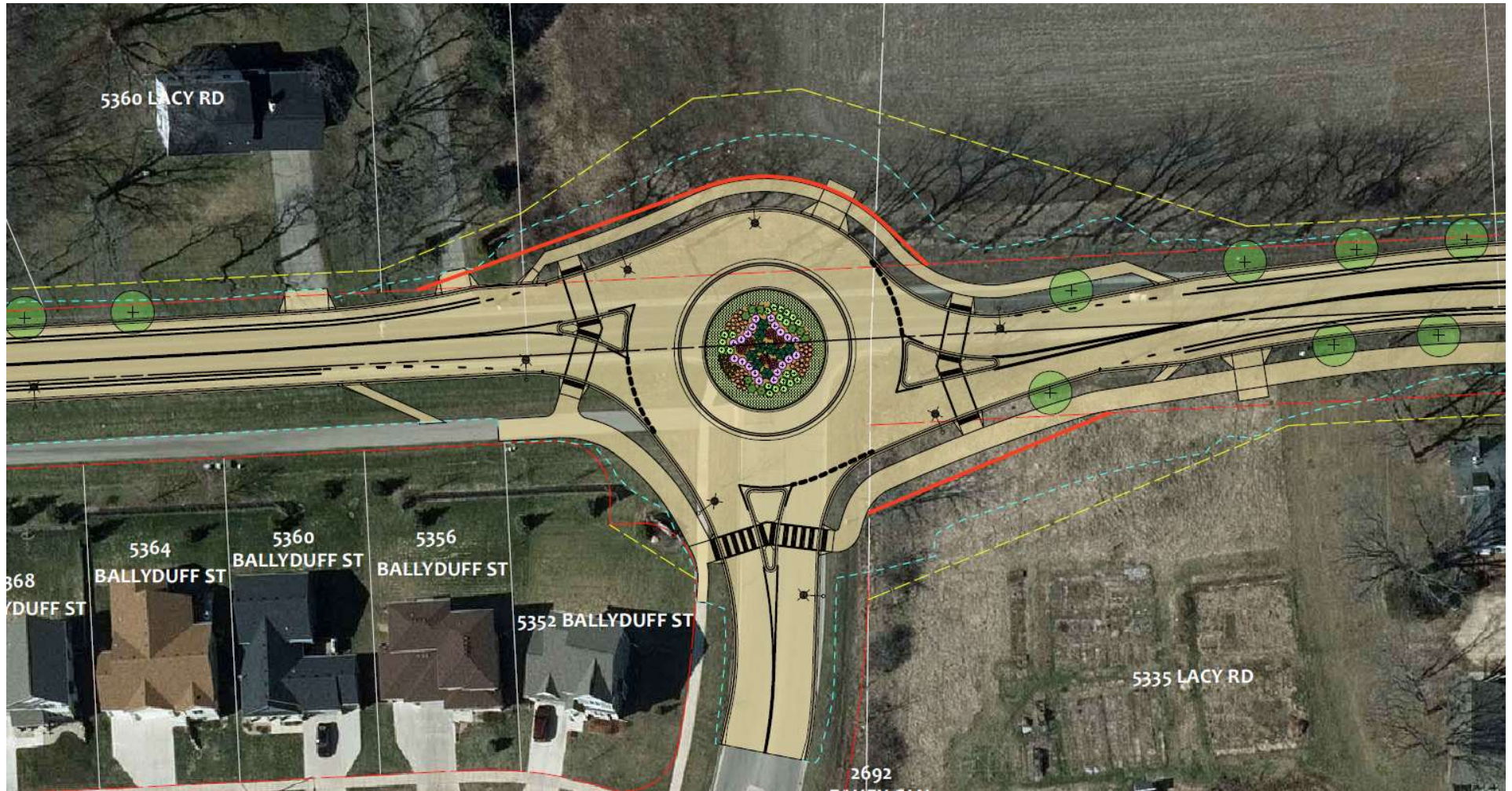
Intersections

- ▶ Traffic operations were evaluated at each intersection for future operations (2037 design year)
 - ▶ *Reviewed turning movements – existing and projected*
 - ▶ *Traffic Control*
 - ▶ *Delay and Queues*
 - ▶ *Pedestrian Crossings*
- ▶ Right turn lanes did not meet warrants at intersections
- ▶ Left turn lanes met warrants at all intersections

Mica Road Intersection



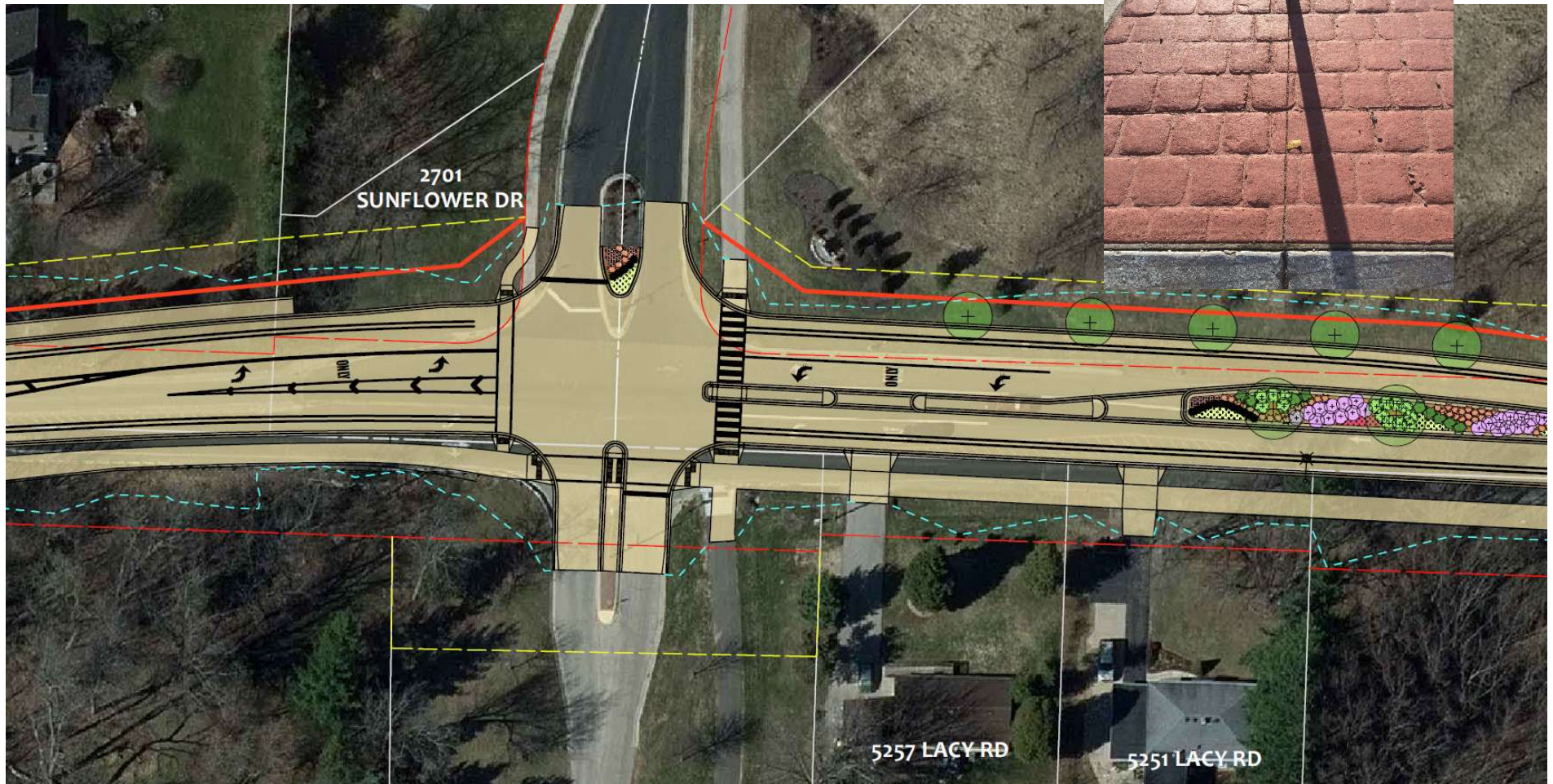
Fahey Glen Intersection



Notre Dame Intersection



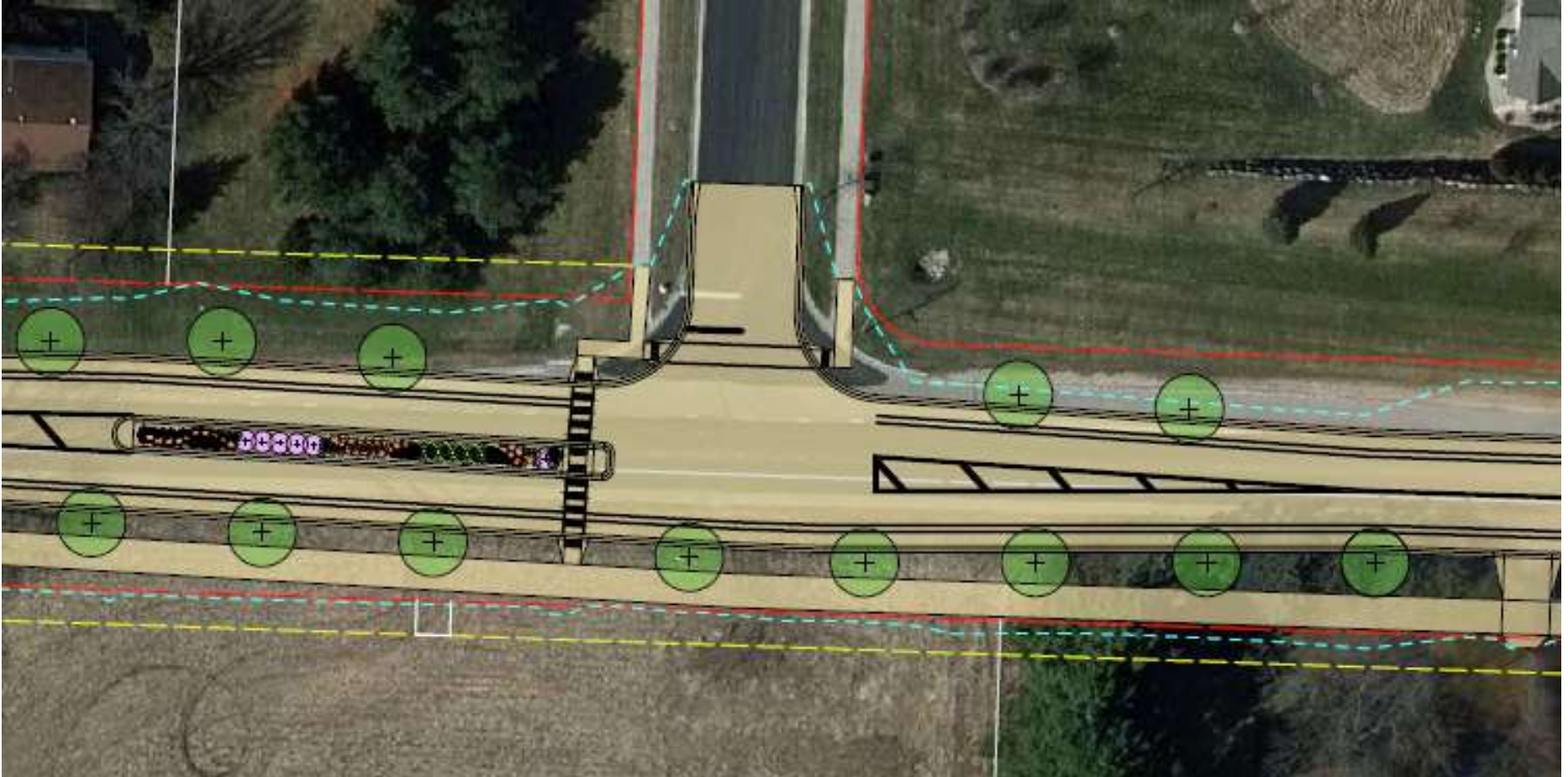
Sunflower Drive Intersection



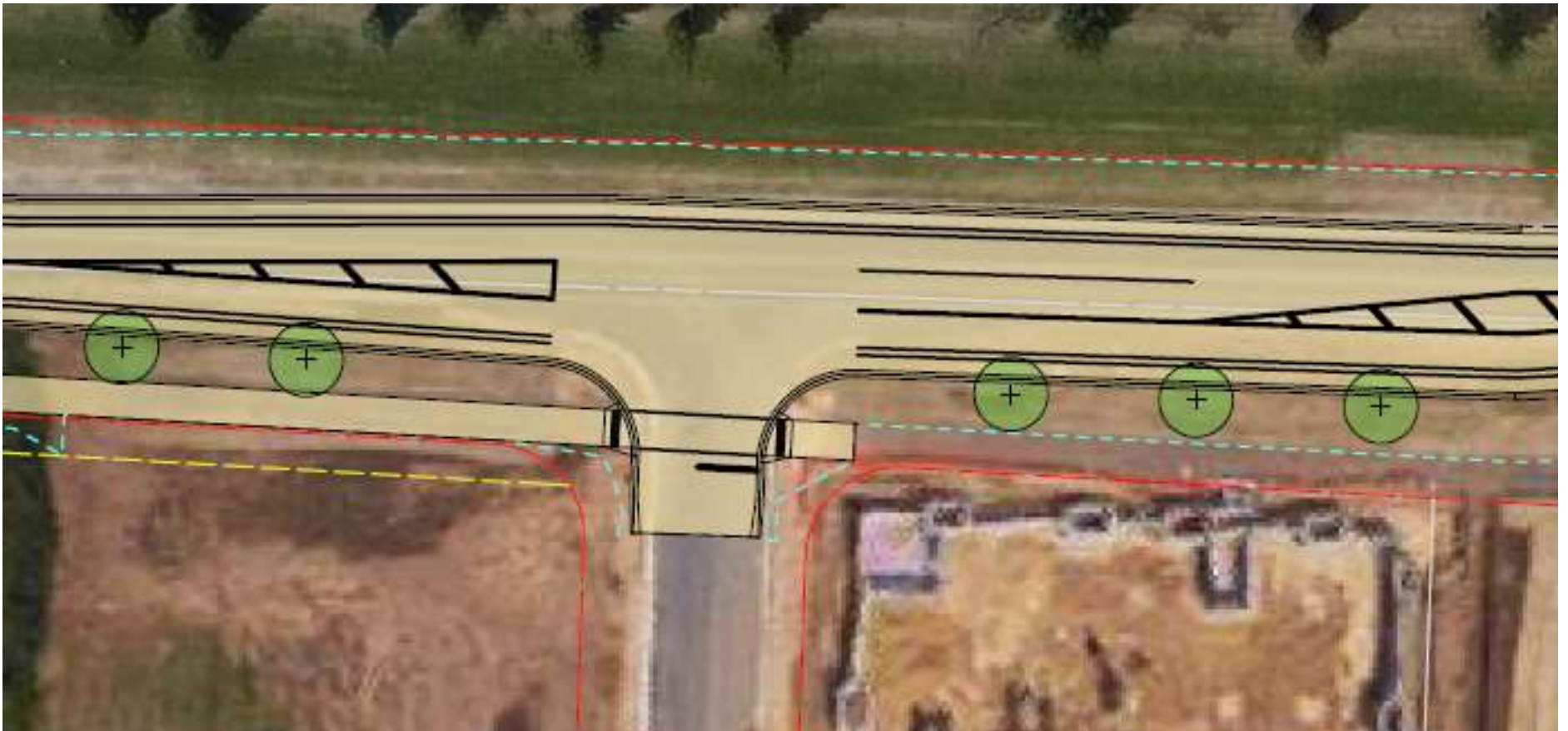
McGaw Road Intersection



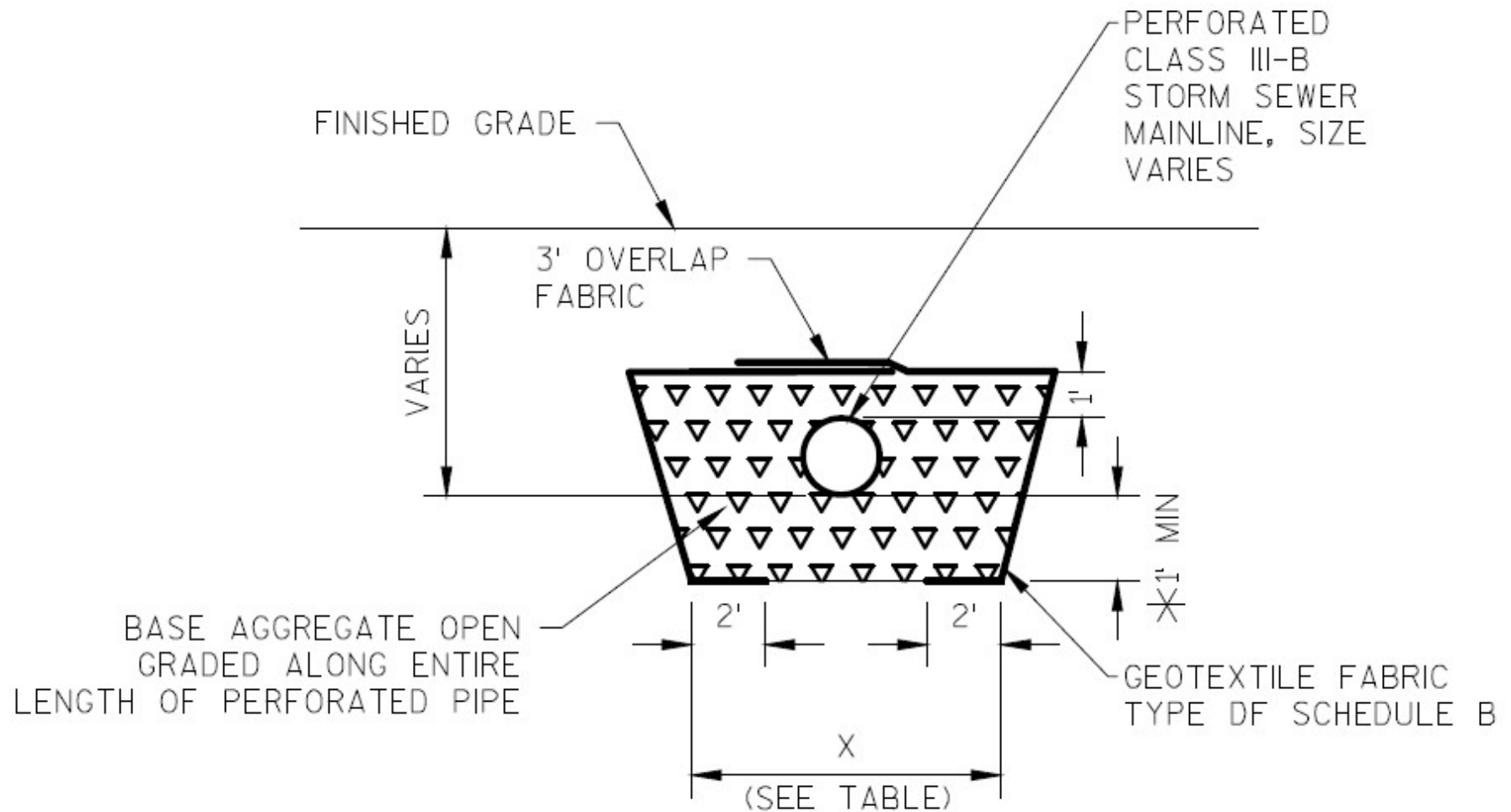
Jones Farm Drive Intersection



North Park Intersection



Stormwater Management

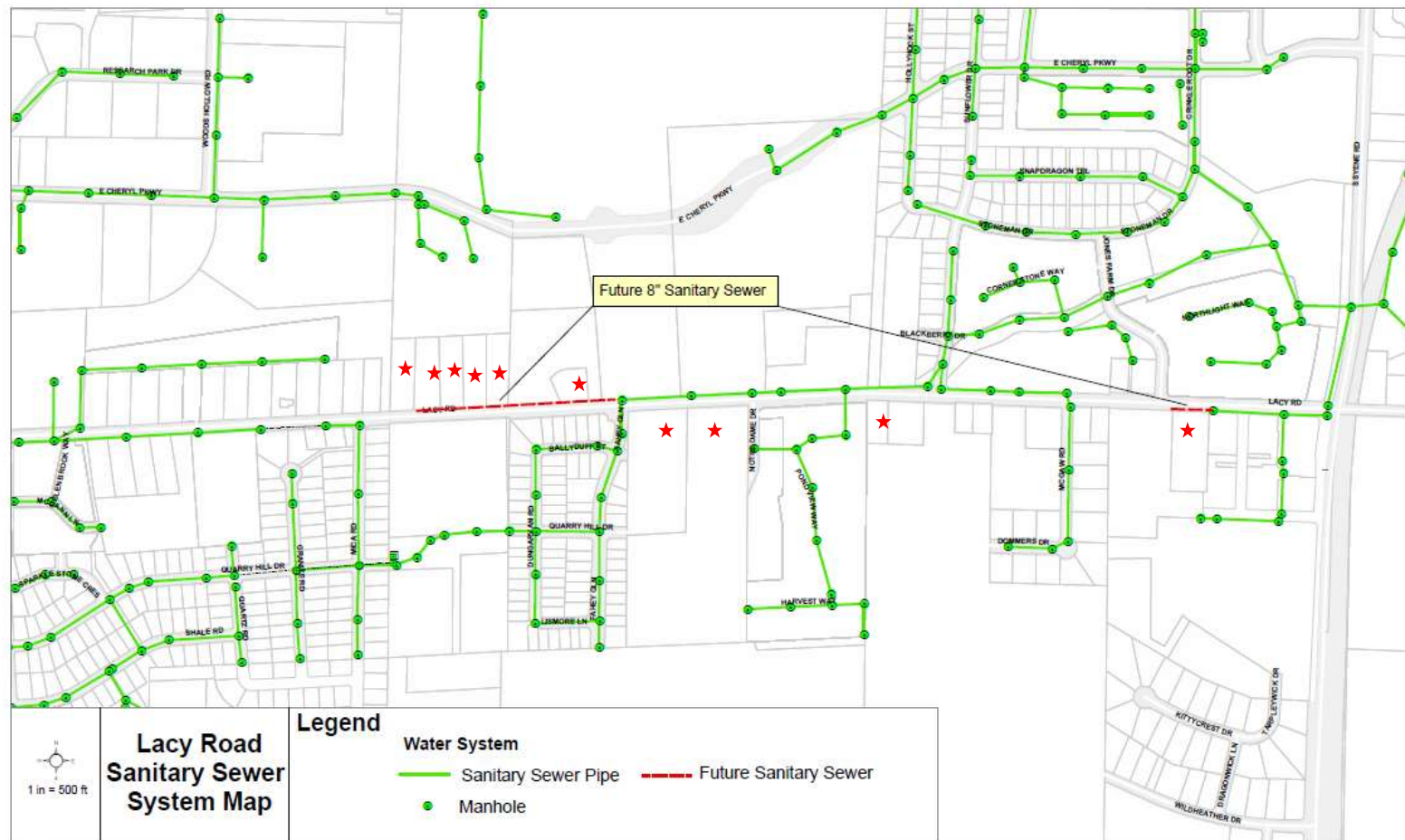


Sanitary Sewer and Water Main

- ▶ Sanitary sewer and water main will be constructed as part of this project.
- ▶ The water main and sanitary sewer construction costs will be assessed to benefitting properties.
- ▶ Sanitary Sewer Connection Requirements:
 - ▶ Single family residential properties, which are not already connected to public sanitary sewer, will be required to connect to the new sanitary sewer.
- ▶ Water Main Connection Requirements:
 - ▶ The water main assessment can be deferred until the time of connection to city water, or upon sale of the lot, whichever is first. Homeowners have 3 options:
 1. Keep their private well and NOT connect to city water
 2. Connect to city water and abandon their well
 3. Connect to city water and keep their private well for irrigation purposes

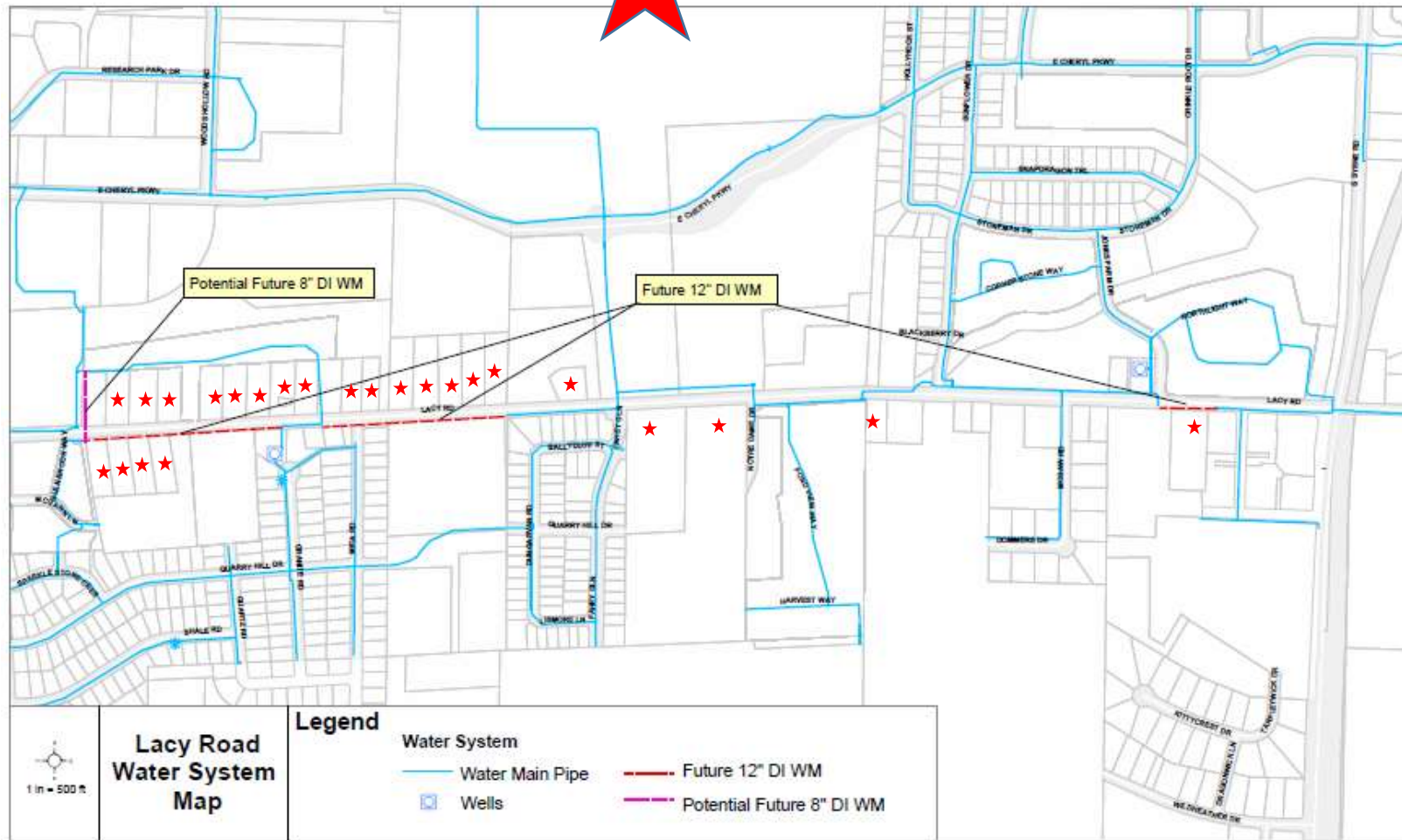
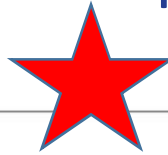
Sanitary Sewer

- ▶ Sanitary sewer laterals will be provided to all properties marked with a Red Star ★



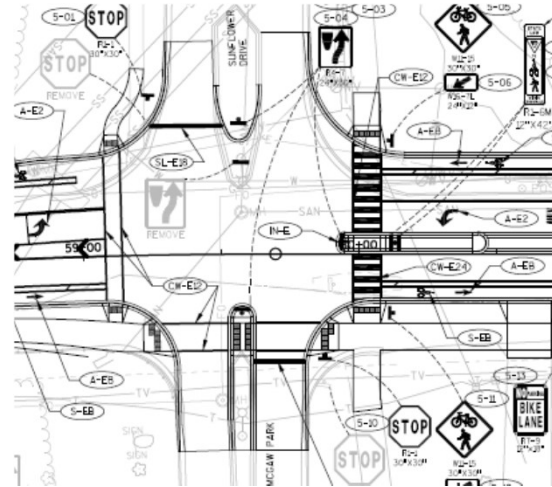
Water Main

- ▶ Water service laterals will be provided to all properties marked with a Red Star



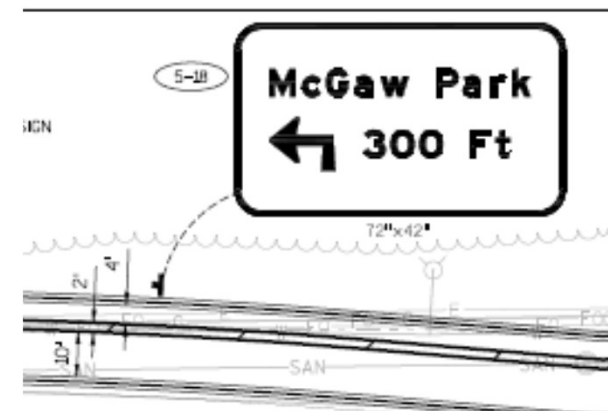
Pavement Markings

- ▶ Solid, Double Yellow Centerline (No Passing)
- ▶ Marked Ladder Crosswalks:
 - ▶ *West end of project*
 - ▶ *East of Mica Road*
 - ▶ *South Leg of Fahey Glen*
 - ▶ *East side of Sunflower Drive*
 - ▶ *West side of Jones Farm Road*
- ▶ Bicycle Buffer:
 - ▶ *Solid White Line along each edge*
 - ▶ *Solid White Diagonal Hatch in the Buffer*



Signage

- ▶ Driver Feedback Speed Display Sign
 - ▶ *Located between Mica Rd and Fahey Glen*
 - ▶ *Reinforce posted speed limit of 35 mph*
- ▶ Pedestrian Warning Signs
 - ▶ *Along Lacy Road at all marked crosswalks*
- ▶ No Parking – Bike Lane signs
- ▶ McGaw Park Directional Signage
- ▶ Stop signs for Shared-use Path at intersections



Street Lighting

- ▶ New LED street lights will be added along the length of the project
 - ▶ *They will match the new one that was installed at North Park and Lacy Road*
 - ▶ *Located on the North side from City Hall to Mica Rd*
 - ▶ *Located on the South side from Mica Rd to the east*
- ▶ Approximate spacing:
 - ▶ *~ 220' from City Hall to Mica (match existing locations)*
 - ▶ *~ 300' from Mica to the east*
 - ▶ *Additional street lighting at the roundabout*



Mailboxes, Garbage Collection, School Bus service

▶ Mailboxes

- ▶ *City crews will remove mailboxes and will place them in yards*
- ▶ *Residents should store their mailbox during construction*
- ▶ *City will supply a temporary mailbox*
- ▶ *At the end of the project, City crews will reinstall your mailbox*

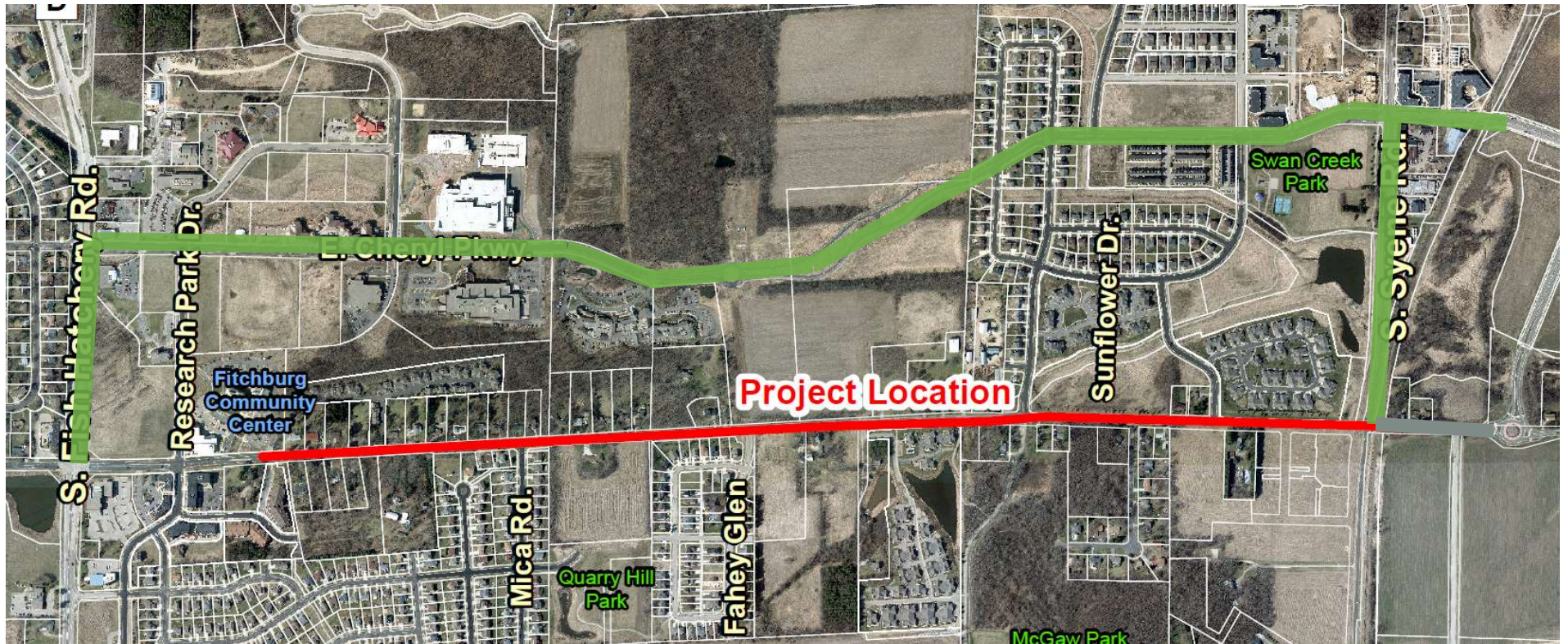
▶ Garbage Collection

- ▶ *The Contractor will be required to maintain access for garbage collection.*
- ▶ *Residents are asked to minimize the amount of time that their bins are left out*
- ▶ *Pelliterri will be notified of the construction project.*

▶ School Bus Service

- ▶ *Oregon School District has been notified of the project.*
- ▶ *Contractor will be required to maintain access for school bus pick-up.*

Traffic Detour



Lacy Road closed to thru traffic, open to local traffic only

Anticipated Construction Schedule - 2017

- March 14, 2017 – Bid Submittal
- October 15, 2017 – Completion Date

ACTIVITY	May				June				July				August				September				October			
	Week: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Underground Utilities																								
Excavation																								
Auxiliary Items (curb, shared path)																								
Asphalt Pavement, Signing, Seeding																								
Finishing Items																								

Construction

- At all times conduct the work in a manner to provide safe, reasonably-direct, all-weather, 24-hour pedestrian and vehicular access to abutting properties along the highway being improved.
- Contractor has flexibility to complete work efficiently within the contract requirements.

Contractor Requirements

- Prosecute work impacting local traffic expeditiously to minimize inconvenience to the abutting property owners.
- Full access to McGaw Park shall be provided to park patrons via Sunflower Drive on base aggregate or pavement throughout the contract.
- Maintain access to side roads Glen Arbor Way, Fahey Glen, Notre Dame Drive, and McGaw Road at all times on existing pavement, temporary pavement, or base aggregate dense in accordance to the plans or as directed by the engineer.

Construction Impacts to Driveways

- Maintain continuous access to businesses and residential driveways on existing pavement, temporary pavement, or base aggregate dense.
- Notify property owners at least two days (48 hours) prior to restricting driveway access in advance of water main installation, sanitary sewer installation, storm sewer installation, concrete curb & gutter installation and driveway reconstruction.
- Construct temporary driveway approaches with base aggregate dense within 4 hours of the removal of the existing driveway approach.

**Thank you for attending
tonight's meeting!**

Contact Information

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